

**ADDENDUM# 1
DEMOLITION & REMOVAL OF RESIDENTIAL STRUCTURE
At 27 Crossways
Bid # 6150F**

June 11, 2010

Dear Vendors:

The Contract Bidding Documents pursuant to Bid # 6150F are hereby revised as follows:

- 1. Attached to this addendum is The Hazardous Materials Survey Report dated April 27 2010**
- 2. No onsite materials shall be used as clean fill.**
- 3. Contractor shall provide erosion control and tree protection.**
- 4. Contractor shall pay for and maintain construction fencing currently in place @ approximately 275.00 per month.**
- 5. Town of West Hartford building department permits fees shall be waived with an executed contract.**
- 6. All other potential utility company fees shall be paid by the contractor.**
- 7. Contractor shall provide a construction schedule with the bid, as time is of the essence.**

Thank you for your patience, time and consideration.

Sincerely,



Tammy Bradley, CPM, C.P.P.B.
Sr. Buyer

Attachments

C: Joe Mercieri, Capital Projects Manager



TOWN OF WEST HARTFORD 50 SOUTH MAIN STREET
TOWN OF WEST HARTFORD, CT 06107-2431
(860) 561-7470 FAX: 561-7492



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Hazardous Materials Survey Report

27 The Crossways
West Hartford, Connecticut
April 27, 2010

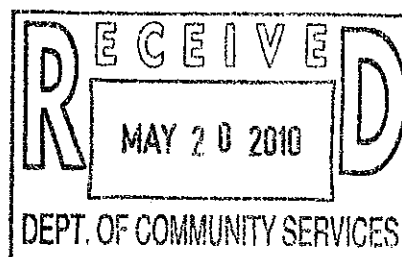
Town of West Hartford

West Hartford, Connecticut

May 18, 2010



Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040





FUSS & O'NEILL
EnviroScience, LLC

Disciplines to Deliver

May 18, 2010

Mr. Joseph Mercieri
Capital Projects Manager
Town of West Hartford
Department of Community Services
West Hartford Town Hall
50 South Main Street
West Hartford, CT 06107

RE: Inspection & Sampling for Asbestos, Lead & PCB
27 The Crossways, West Hartford, CT
Fuss & O'Neill EnviroScience Project No. 20100424.A1E Task 1

Dear Mr. Mercieri:

Enclosed is the report for asbestos inspection, lead TCLP sampling and sampling for PCB in window caulk in the fire-damaged house at 27 The Crossways in West Hartford, Connecticut.

The inspection and sampling was performed on April 27, 2010 by a Fuss & O'Neill EnviroScience, LLC licensed inspector. The information summarized in this document is for the above-mentioned materials only. It does not include information on other hazardous materials that may exist in the property (such as underground storage tanks).

If you have any questions regarding the contents of this report, please do not hesitate to contact me at (860) 646-2469, extension 5570. Thank you for this opportunity to have served your environmental needs.

146 Hartford Road
Manchester, CT
06040

t (860) 646-2469
f (860) 533-5143

www.FandO.com

Sincerely,

Ashis Roychowdhury
Senior Project Manager

Stephen W. Connolly
Senior Vice President

Connecticut
Massachusetts
New York
Rhode Island
South Carolina

AR/lmb

Enclosure

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APPENDIX C	PCB IN WINDOW CAULK SAMPLE RESULTS & CHAIN-OF-CUSTODY FORM

1 Introduction

The house at 27 The Crossways caught on fire which caused extensive damage to the structure. And most of the structure caved in. Following legal proceedings, the Town of West Hartford decided to demolish the structure, dispose of the debris and clean the site. The Town retained Fuss & O'Neill EnviroScience, LLC (EnviroScience) to conduct an inspection of the damaged structure for asbestos, lead and PCB.

On April 27, 2010, EnviroScience's Environmental Technician II, John Coletti, a State of Connecticut Licensed Asbestos and Lead Paint Inspector, performed the inspection of the collapsed structure for asbestos containing materials (ACM) and sampled the debris for lead TCLP and the window caulk for PCB. The facility was inspected in accordance with EnviroScience's written proposal dated April 9, 2010.

2 Asbestos Inspection

During this inspection, suspect ACM were separated into three USEPA categories. These categories are: thermal system insulation (TSI), surfacing ACM, and miscellaneous ACM. TSI includes all materials used to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe insulation, boiler insulation, duct insulation, and mudded insulation on pipe fittings. Surfacing ACM includes all ACM that is sprayed, troweled, or otherwise applied to an existing surface. Surfacing ACM is commonly used for fireproofing, decorative, and acoustical applications. Miscellaneous materials include all ACM that are not listed as thermal or surfacing, such as linoleum, vinyl asbestos flooring, and ceiling tiles.

All visible and accessible suspect ACM were sampled. Materials that were sampled were analyzed by Polarized Light Microscopy (PLM). Please note that due to the collapsed structure on the ground, it is possible that some suspect ACM might be buried underneath the debris and was not visible. Any suspect material that might be discovered during cleaning and disposal of the debris must be assumed to be asbestos-containing unless sample results prove otherwise.

Finally, all ACM were quantified in linear and square footage, depending on the type of the material. The asbestos content, quantities, and locations of ACM identified by bulk sample analysis are listed in Table 1 of the Results section.

2.1 Results

Utilizing the USEPA protocol and criteria, the following materials were determined to be ACM:

TABLE 1

LOCATION	MATERIAL TYPE	% ASBESTOS	QUANTITY	SAMPLE ID
INTERIOR				
Basement-Throughout	Flexible Cloth Connector	95% Chrysotile	2 connectors @ 10 LF = 20 LF	427-JAC-2B
	9"x9" Green Floor Tile	10% Chrysotile	1,700 SF	427-JAC-4A
Basement-By Stairs	9"x9" Light-colored Floor Tile	8% Chrysotile	30 SF	427-JAC-6A

LF = Linear Feet, SF = Square Feet

Utilizing the USEPA protocol and criteria, the following materials were determined to be **non-ACM**:

TABLE 2

LOCATION	MATERIAL TYPE	SAMPLE ID
Basement	Flue Cement	427-JAC-1
	Mastic Under 9"x9" Green Floor Tile	427-3A-C
	Mastic Under 9"x9" Light-colored Floor Tile	427-3A-C
Throughout	Sheetrock/Joint Compound Composite	427-7A-C
	Joint Compound	427-JAC-8A-B
Kitchen	Sink Undercoat	427-JAC-9
Kitchen & Back Area	Ceramic Tile Grout	427-JAC-10A-C
	Ceramic Tile Adhesive	427-JAC-11A-C
Kitchen	Linoleum	427-JAC12A-B
Exterior	Mortar on Brick	427-JAC-13A-C
Back Area	Black Wrap on Fiberglass Batting Insulation	427-JAC-14A-C
Throughout	Plaster-Skim Coat	427-JAC-15A-G
	Plaster-Rough Coat	427-16A-G
Exterior	Window Caulk	427-JAC-20A-G
	Window Glazing Compound	427-JAC-21A-C
Main Roof	Roofing Shingles	427-JAC-22A-C
	Paper Under Roofing Shingles	427-JAC-24-A-C
Exterior	Vapor Barrier Behind Brick	427-JAC-25A-C
Floor Area	Vapor Barrier Under Wood	427-JAC-26A-C
Storage Shed	Roofing Shingles	427-JAC- 27
Pool Area	Pool Tile Grout	427-JAC-28
	Pool Tile Adhesive	427-JAC-29

2.2 Discussion

The USEPA defines any material that contains greater than one percent (>1%) asbestos, utilizing PLM, as being an ACM. Materials that are identified as "none detected" are specified as not containing asbestos. At EnviroScience, materials that are identified as containing less than four percent (<4%) asbestos are analyzed further utilizing the "point-counting" technique to verify asbestos content. This policy is supported by USEPA requirements for "point-counting" confirmation of low level PLM results. The following sample was analyzed by point-counting based on initial PLM results of <4% asbestos.

TABLE 4

SAMPLE ID	LOCATION	MATERIAL	% ASBESTOS	VERIFIED ACM
427-JAC-9	Kitchen	Sink Undercoat	<0.25%Chrysotile	Non-ACM

Please note that due to the collapsed structure on the ground, it is possible that some suspect ACM might be buried underneath the debris and was not visible. Any suspect material that might be discovered during cleaning and disposal of the debris must be assumed to be asbestos-containing unless sample results prove otherwise.



2.3 Conclusion

All ACM is identified in Section 2.1 (Table 1) must be removed by a State of Connecticut Licensed Asbestos Abatement Contractor prior to disposal of the waste. This is a requirement of the State of Connecticut Department of Public Health (CT DPH) Standards for Asbestos Abatement. It might be necessary to remove some rubbles to gain access to all identified and presumed ACM.

Any suspect material encountered during demolition and disposal that is not identified in this report as being non-ACM, should be assumed to be ACM unless sample results prove otherwise.

Please see *Appendix A* for the chain-of-custody and sample results.

3 Lead TCLP Sampling

If a structure that has or might have lead paint is renovated or demolished, a Toxicity Characteristic Leachate Procedure (TCLP) testing needs to be performed to characterize the nature of waste. TCLP test result indicates the amount of lead that might leach in the ground water from land-filling the waste generated by renovation/demolition. A composite sample comprising of all the interior and exterior building components representing the original painting history of the building and any building-wide repainting by the owner is collected and tested. USEPA has established that if the concentration of leachable lead is below 5 mg/L (milligram per liter or ppm), the waste may be disposed of as general construction waste; otherwise it needs to be disposed of as lead waste.

3.1 Sampling & Result

On April 27, 2010, EnviroScience's Environmental Technician II, John Coletti, collected a composite sample of building components for TCLP analysis. Connecticut Testing Laboratories, Inc. in Meriden, Connecticut analyzed the sample. The concentration of lead in the sample was 0.006 mg/L, which was below the EPA threshold level of 5.0 mg/L.

The testing results are provided as *Appendix B* in this report.

3.2 Conclusion

The waste generated from building demolition may be disposed of as general construction waste following removal of ACM.

4 PCB in Window Caulk

4.1 Sampling & Result

On April 27, 2010, EnviroScience representative John Coletti, collected samples of exterior window caulk from the collapsed structure at 27 The Crossways to be analyzed for PCB. Materials with PCB concentrations in excess of 50mg/Kg (parts-per-million) of PCBs are

determined to be PCB contaminated. Mr. Coletti collected one sample each of two types of caulk. Samples were analyzed by Phoenix Environmental of Manchester, Connecticut. No PCB was identified in either sample.

The testing results are provided as *Appendix C* in this report.



Appendix A

Asbestos Sample Results and Chain-of-Custody



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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 6

Project Name: Town of West HARTFORD

Project No: 20100427A15

Building: 27 The Crossways - Board House

Project Manager: A.R.

Sample ID	Sample Location	Material	Result (%)
4L7-JAC-1	BASEMENT	Flue Cement	
2A	BASEMENT	Cloth Joint Connector	
2B		↓	
3A*	BASEMENT POOL ROOM	MASTIC TO GREEN 9" x 9" Floor tile	
3B	↓ MAIN AREA	↓	
3C		↓	
4A	BASEMENT POOL ROOM	9" x 9" Green Floor tile	Therapexed
4B	↓ MAIN AREA	↓	
4C	↓	↓	
5A*	BASEMENT AREA BY RAILED STAIRS	MASTIC TO 9" x 9" LIGHT TILES (12)	
5B	↓	↓	
5C			

Analysis Method: ☒ PLM ☐ Other

Turnaround Time 24 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 4/30. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content <4%, positive stop on all point counts.

IF (3A) IS POSITIVE DO NOT ANALYZE (4A-C), IF (5A) IS POSITIVE DO NOT ANALYZE (5B-C)

Samples collected by: COLEMAN Date: 4/21/10 Time: AM (6:45)

Samples [Rec'd][Sent by] [] [] Date: [] [] Time: PM 1:00

Samples Received by: DEK 9AM Date: [] [] Time: [] []

Shipped To: ☒ EMSL State NJ ☐ Other [] []

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other [] []



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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 2 of 6

Project Name: Town of West Hartford Project No. 2010044.115

Building: 2 The Crossings - Board House Project Manager: A.R.

Sample ID	Sample Location	Material	Result (%)
427-JAC-6A	BASE AREA BY RAILROAD	9" x 9" LIGHT FLOOR TILE	
6B			
6C			
7A	BACK AREA	Sheetrock / J.C.	
7B	CORROR AREA		
7C	FRONT AREA		
8A	BACK AREA	J.C. ONLY	
8B	CORROR AREA		
9	Kitchen	Sink Under-sink	
10A	BACK AREA	Ceramic tile	(1.1)
10B			
10C	Kitchen Area		

Analysis Method: ☐ PLM ☐ Other

Turnaround Time 27 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 7/20 Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content < 1% positive stop on all point counts.

* DO NOT ANALYZE 6A IS 5A WAS POSITIVE

Samples collected by: COLBET Date: 7/21/00 Time: AM

Samples [Rec'd][Sent by] [] Date: 7/21/00 Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☒ EMSL State NJ ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other



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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 2 of 6

Project Name: Town of West Hartford Project No. 2-100467 AIR
Building: 27 The Greenway - Beach House Project Manager: A.R.

Sample ID	Sample Location	Material	Result (%)
42-JAC-11A	BACK AREA	Cement tile	
110		↓	
11C	Kitchen Area		
12A	Kitchen Area	LINOLEUM	
120		↓	
13A	EXTERIOR	MORTAR TO	
130		DRICK	
13C		↓	
14A	BACK AREA	BATTING OR	
140		FIBERGLASS	
14C		↓	

Analysis Method: ☒ PLM ☐ Other

Turnaround Time 24 hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 4/20. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content <4%, positive stop on all point counts.

Samples collected by: COLTD Date: 4/20/10 Time: AM

Samples [Rec'd][Sent by] II Date: 4/20/10 Time: PM/PA

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☒ EMSL State NJ ☐ Other _____

Method of Shipment: ☒ FedEx ☐ UPS Overnight ☐ UPS Ground ☐ Other



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SAMPLE LOG FOR ASBESTOS BULK

Sheet 4 of 6

Project Name: Town of West Hartford Project No. 2000-04016

Building: 2) The Scollery RALPH HOBBS Project Manager: A-R

Sample ID	Sample Location	Material	Result (%)
4L7-JAC-15A	GARAGE AREA (left)	PLASTER (SKIN)	
15B	(right)		
15C	MAIN AREA (front)		
15D	↓ MIDDLE		
15E	(BACK)		
15F	SIDE AREA (front)		
15G	(BACK)		
16A	GARAGE AREA (left)	PLASTER (10-25)	
16B	(right)		
16C	MAIN AREA front		
16D	↓ middle		
16E	BACK		(4)

Analysis Method: ☒ PLM ☐ Other

Turnaround Time 27 hrs

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 4/30 Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content <1% positive stop on all point counts.

Samples collected by: COLETTA Date: 4/27/10 Time: AM

Samples [Rec'd][Sent by] I II Date: 4/21 4/24 Time: PM/PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☒ EMSL State NY ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other _____



FUSS & O'NEILL
EnviroScience, LLC

146 Hartford Road, Manchester, CT 06040

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SAMPLE LOG FOR ASBESTOS BULKS

Sheet 56 of 6

Project Name: Town of West Hartford

Project No. 292072411

Building: 37 The Connorsdale RALEIGH

Project Manager: A.R.

Sample ID	Sample Location	Material	Result (%)
44-JAQ 16A	SIDE AREA FRONT	PLASTER (rough)	
12C	(back)		
20A	EXTERIOR	WINDOW CAULKING	
20B	↓	↓	
20C	↓	↓	
21A	EXTERIOR	WINDOW GLAZING	
21B	↓	↓	
21C	↓	↓	
22A	MAIN ROOF AREA FRONT	Shingles	
22B	↓ Middle	↓	
22C	BACK		(58)

Analysis Method: ☒ PLM ☐ Other

Turnaround Time 24hr

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 4/30. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content < 4% positive stop on all point counts.

Samples collected by: E. C. T. D. Date: 4/27/10 Time: AM

Samples [Rec'd][Sent by] [] Date: 4/28 Time: PM

Samples Received by: [] Date: [] Time: []

Shipped To: ☒ EMSL State NY ☐ Other []

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other



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SAMPLE LOG FOR ASBESTOS BULK

Sheet 6 of 6

Project Name: Town of West Hartford Project No. LO100427.A1E
Building: 17 The Colony - RALEIGH HOUSE Project Manager: A.R.

Sample ID	Sample Location	Material	Result (%)
461-JAC-24A	MAIN ROOF FLOOR	Paper Under	
27A	↓ Middle	↓ Shingles	
24C	↓ BACK		
25A	EXTERIOR	PAPER BEHIND	
25B	↓	BRICK	
25C			
26A	EXTERIOR RALEIGH AREA	PAPER UNDER	
26B	↓	WOOD	
26C	↓ Under floor		
27	Storage shed	Shingles	
28	Pool Area EXT	Grout	
29	↓	TO POOL TILES	(10)
		Grout	
		TO POOL TILES	

Analysis Method ☒ PLM ☐ Other

Turnaround Time 27 hrs

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 4/3. Please call the EnviroScience Laboratory if analyses will be late at (860) 646-2469.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content <4%, positive stop on all point counts.

Samples collected by: CULTA Date: 4/2/10 Time: PM

Samples [Rec'd][Sent by] [] Date: 4/12 Time: PM

Samples Received by: _____ Date: _____ Time: _____

Shipped To: ☐ EMSL State W ☐ Other _____

Method of Shipment: ☒ Fed Ex ☐ UPS Overnight ☐ UPS Ground ☐ Other



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 858-4860 Email: westmonteslab@EMSL.com

Attn: **Ashis Roychowdhury**
Fuss & O' Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Fax: (413) 647-0018 Phone: (860) 646-2469
Project: **TOWN OF WEST HARTFORD-27 THE CROSSWAYS-
RAZED HOWE/ 20100427.A1E**

Customer ID: ENVI54
Customer PO:
Received: 04/29/10 9:00 AM
EMSL Order: 041008794
EMSL Proj:
Analysis Date: 4/29/2010

**Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation
using 400 Point Count Procedure.**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-9	KITCHEN/ SINK	Black		100.00% Non-fibrous (other)	<0.25% Chrysotile
041008794-0021	UNDERCOAT	Non-Fibrous Heterogeneous			

Analyst(s)

Jerry Cherian (1)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Disclaimer: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval of EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc., bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc., liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 04006



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@emsl.com

Attn: **Ashis Roychowdhury**
Fuss & O' Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Fax: (413) 647-0018 Phone: (860) 646-2469

Project: **TOWN OF WEST HARTFORD-27 THE CROSSWAYS-
RAZED HOWE/ 20100427.A1E**

Customer ID: ENV154

Customer PO:

Received: 04/29/10 9:00 AM

EMSL Order: 041008794

EMSL Proj:

Analysis Date: 4/29/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-1 041008794-0001	BASEMENT/ FLUE CEMENT	Brown/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-2A 041008794-0002	BASEMENT/ CLOTH JOINT CONNECTOR	Brown Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
427-JAC-2B 041008794-0003	BASEMENT/ CLOTH JOINT CONNECTOR	Gray Fibrous Heterogeneous		5% Non-fibrous (other)	95% Chrysotile
427-JAC-3A 041008794-0004	BASEMENT POOL ROOM/ MASTIC TO GREEN 9X9 FLOOR TILE	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
427-JAC-3B 041008794-0005	BASEMENT MAIN AREA/ MASTIC TO GREEN 9X9 FLOOR TILE	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
427-JAC-3C 041008794-0006	BASEMENT MAIN AREA/ MASTIC TO GREEN 9X9 FLOOR TILE	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected

Analyst(s)

Jerry Cherian (64)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. The test results meet all NELAP requirements unless otherwise specified.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 04006

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 558-4800 Fax: (856) 558-4860 Email: westmariteslab@EMSL.com

Attn: **Ashis Roychowdhury**
Fuss & O' Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Fax: (413) 647-0018 Phone: (860) 646-2469
Project: **TOWN OF WEST HARTFORD-27 THE CROSSWAYS-
RAZED HOWE/ 20100427.A1E**

Customer ID: ENVI54
Customer PO:
Received: 04/29/10 9:00 AM
EMSL Order: 041008794
EMSL Proj:
Analysis Date: 4/29/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-4A 041008794-0007	BASEMENT POOL ROOM/ 9X9 GREEN FLOOR TILE	Green Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
427-JAC-4B 041008794-0008	BASEMENT MAIN AREA/ 9X9 GREEN FLOOR TILE				Stop Positive (Not Analyzed)
427-JAC-4C 041008794-0009	BASEMENT MAIN AREA/ 9X9 GREEN FLOOR TILE				Stop Positive (Not Analyzed)
427-JAC-5A 041008794-0010	BASEMENT AREA BY RAILED STAIRS/ MASTIC TO 9X9 LIGH	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
427-JAC-5B 041008794-0011	BASEMENT AREA BY RAILED STAIRS/ MASTIC TO 9X9 LIGH	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
427-JAC-5C 041008794-0012	BASEMENT AREA BY RAILED STAIRS/ MASTIC TO 9X9 LIGH	Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected

Analyst(s)

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 RAZED HOWE/ 20100427.A1E**

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 EMSL Order: 041008794
 EMSL Proj:
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-6A 041008794-0013	BASE AREA BY RAILED STAIRS/ 9X9 LIGHT FLOOR TILES	Tan Non-Fibrous Homogeneous		92% Non-fibrous (other)	8% Chrysotile
427-JAC-6B 041008794-0014	BASE AREA BY RAILED STAIRS/ 9X9 LIGHT FLOOR TILES				Stop Positive (Not Analyzed)
427-JAC-6C 041008794-0015	BASE AREA BY RAILED STAIRS/ 9X9 LIGHT FLOOR TILES				Stop Positive (Not Analyzed)
427-JAC-7A 041008794-0016	BACK AREA/ SHEETROCK/JC	Brown/White Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)	None Detected
427-JAC-7B 041008794-0017	GARAGE AREA/ SHEETROCK/JC	Brown/White Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
427-JAC-7C 041008794-0018	FRONT AREA/ SHEETROCK/JC	Brown/White Fibrous Heterogeneous	45% Cellulose	55% Non-fibrous (other)	None Detected
427-JAC-8A 041008794-0019	BACK AREA/ JC ONLY	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-8B 041008794-0020	GARAGE AREA/ JC ONLY	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-10A 041008794-0022	BACK AREA/ CERAMIC TILE GROUG	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-10B 041008794-0023	BACK AREA/ CERAMIC TILE GROUG	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-10C 041008794-0024	KITCHEN AREA/ CERAMIC TILE GROUT	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-11A 041008794-0025	BACK AREA/ CERAMIC TILE GLUE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
427-JAC-11B 041008794-0026	BACK AREA/ CERAMIC TILE GLUE				Insufficient Material
427-JAC-11C 041008794-0027	KITCHEN AREA/ CERAMIC TILE GLUE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-12A 041008794-0028	KITCHEN AREA/ LINOLEUM	Brown Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
427-JAC-12B 041008794-0029	KITCHEN AREA/ LINOLEUM	Brown Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
427-JAC-13A 041008794-0030	EXTERIOR/ MORTAR TO BRICK	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-13B 041008794-0031	EXTERIOR/ MORTAR TO BRICK	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-13C 041008794-0032	EXTERIOR/ MORTAR TO BRICK	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-14A 041008794-0033	BACK AREA/ BATTING ON FIBERGLASS INS	Brown/Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
427-JAC-14B 041008794-0034	BACK AREA/ BATTING ON FIBERGLASS INS	Brown/Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-14C 041008794-0035	BACK AREA/ BATTING ON FIBERGLASS INS	Brown/Black Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
427-JAC-15A 041008794-0036	GARAGE AREA- LEFT/ PLASTER- SKIM	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-15B 041008794-0037	GARAGE AREA- RIGHT/ PLASTER-SKIM	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-15C 041008794-0038	MAIN AREA- FRONT/ PLASTER-SKIM	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-15D 041008794-0039	MAIN AREA- MIDDLE/ PLASTER-SKIM	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-15E 041008794-0040	MAIN AREA- BACK/ PLASTER- SKIM	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-15F 041008794-0041	SIDE AREA- FRONT/ PLASTER-SKIM	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-15G 041008794-0042	SIDE AREA- BACK/ PLASTER- SKIM	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-16A 041008794-0043	GARAGE AREA- LEFT/ PLASTER- ROUGH	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-16B 041008794-0044	GARAGE AREARIGHT/ PLASTER- ROUGH	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-16C 041008794-0045	MAIN AREA- FRONT/ PLASTER- ROUGH	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-16D 041008794-0046	MAIN AREA- MIDDLE/ PLASTER- ROUGH	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-16E 041008794-0047	MAIN AREA- BACK/ PLASTER- ROUGH	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-16F 041008794-0048	SIDE AREA- FRONT/ PLASTER- ROUGH	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-16G 041008794-0049	SIDE AREA- BACK/ PLASTER- ROUGH	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-20A 041008794-0050	EXTERIOR/ WINDOW CAULKING	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
		suggest tem			
427-JAC-20B 041008794-0051	EXTERIOR/ WINDOW CAULKING	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
		suggest tem			
427-JAC-20C 041008794-0052	EXTERIOR/ WINDOW CAULKING	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
		suggest tem			
427-JAC-21A 041008794-0053	EXTERIOR/ WINDOW CAULKING	Brown/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-21B 041008794-0054	EXTERIOR/ WINDOW CAULKING	Brown/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-21C 041008794-0055	EXTERIOR/ WINDOW CAULKING	Brown/Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-22A 041008794-0056	MAIN ROOF AREA FRONT/ SHINGLES	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
427-JAC-22B 041008794-0057	MAIN ROOF AREA MIDDLE/ SHINGLES	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
427-JAC-22C 041008794-0058	MAIN ROOF AREA BACK/ SHINGLES	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
427-JAC-24A 041008794-0059	MAIN ROOF FRONT/ PAPER UNDER SHINGLE	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
427-JAC-24B 041008794-0060	MAIN ROOF MIDDLE/ PAPER UNDER SHINGLE	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
427-JAC-24C 041008794-0061	MAIN ROOF BACK/ PAPER UNDER SHINGLE	Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
427-JAC-25A 041008794-0062	EXTERIOR/ PAPER BEHIND BRICKS	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
427-JAC-25B 041008794-0063	EXTERIOR/ PAPER BEHIND BRICKS	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
427-JAC-25C 041008794-0064	EXTERIOR/ PAPER BEHIND BRICKS	Black Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
427-JAC-26A 041008794-0065	EXTERIOR RAILED AREA/ PAPER UNDER WOOD	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
427-JAC-26B 041008794-0066	EXTERIOR RAILED AREA/ PAPER UNDER WOOD	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
427-JAC-26C 041008794-0067	EXTERIOR RAILED AREA/ PAPER UNDER WOOD	Black Fibrous Heterogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
427-JAC-27 041008794-0068	STORAGE SHED/ SHINGLES	Brown/Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
427-JAC-28 041008794-0069	POOL AREA EXT/ GROUT TO POOL TILES	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
427-JAC-29 041008794-0070	POOL AREA EXT/ GLUE TO POOL TILES	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Jerry Cherian (64)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. The test results meet all NELAC requirements unless otherwise specified.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 04006



Appendix B

Lead TCLP Result and Chain-of-Custody Form

Date Samples Received: 04/30/10

Client Name : Fuss & O'Neill EnviroScience

CTL Lab No. : 0410439

Report Date : 05/07/10

PO/ Job No. : 20100424.AIE

RESULTS OF ANALYSIS**TCLP EPA 1311**

Matrix Type : S
CTL Sample No.: 5945
Field ID : 427-JAC-T1

Parameters	RL				
Lead-mg/L	0.005	0.006			

RL= Reporting Limit ND = Not Detected

Matrix Type: W = Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547/ MA-CT035



Appendix C

PCB in Window Caulk Sample Results and Chain-of-Custody Form



Monday, May 03, 2010

Attn: Ashes Roychowdhury
Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Project ID:

Sample ID#s: AS99638 - AS99639

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 03, 2010

FOR: Attn: Ashes Roychowdhury
Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information

Matrix: SOLID
Location Code: F&OENVIR
Rush Request:
P.O.#: 20100424A1E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date	Time
04/27/10	0:00
04/29/10	16:06

Laboratory Data

SDG ID: GAS99638
Phoenix ID: AS99638

Project ID:

Client ID: 427-JAC-C1

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/30/10		M/JL	E160.3
Caulk Extraction for PCB	Completed			04/29/10		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1221	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1232	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1242	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1248	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1254	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1260	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1262	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
PCB-1268	ND	1.7	mg/Kg	04/30/10		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	119		%	04/30/10		MH	3540C/8082
% TCMX	100		%	04/30/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
May 04, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

May 03, 2010

FOR: Attn: Ashes Roychowdhury
Fuss & O'Neill, Inc.
146 Hartford Road
Manchester, CT 06040

Sample Information

Matrix: SOLID
Location Code: F&OENVIR
Rush Request:
P.O.#: 20100424A1E

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
04/27/10	0:00
04/29/10	16:06

Laboratory Data

SDG ID: GAS99638
Phoenix ID: AS99639

Project ID:

Client ID: 427-JAC-C2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/30/10		M/JL	E160.3
Caulk Extraction for PCB	Completed			04/29/10		BB/K	SW3540C
<u>PCB (Soxhlet)</u>							
PCB-1016	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1221	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1232	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1242	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1248	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1254	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1260	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1262	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
PCB-1268	ND	0.92	mg/Kg	04/30/10		MH	3540C/8082
<u>QA/QC Surrogates</u>							
% DCBP	70		%	04/30/10		MH	3540C/8082
% TCMX	68		%	04/30/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
May 04, 2010



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

May 04, 2010

QA/QC Data

SDG I.D.: GAS99638

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 152150, QC Sample No: AS99278 (AS99638, AS99639)							
<u>Polychlorinated Biphenyls</u>							
PCB-1016	ND	107	116	8.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	107	93	14.0	107	104	2.8
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	88	97	97	0.0	99	97	2.0
% TCMX (Surrogate Rec)	72	83	91	9.2	85	87	2.3

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

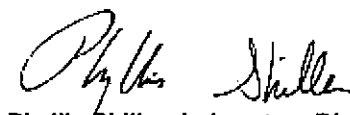
LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria


Phyllis Shiller, Laboratory Director
May 04, 2010

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** F&OENVIR

Project Location: 427-JAC-C1

Project Number:

Laboratory Sample ID(s): AS99638, AS99639

Sampling Date(s): 4/27/2010

RCP Methods Used:

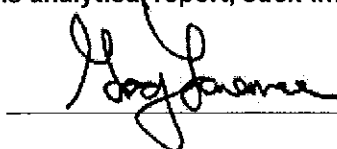
☐ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☐ 8270 ☐ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific QC samples included in the data set?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence"

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Tuesday, May 04, 2010

Printed Name: Greg Lawrence

Position: Assistant Lab Director



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



RCP Certification Report

May 04, 2010

SDG I.D.: GAS99638

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-ecd5 04/30/10-1 (AS99638, AS99639)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn

Position: Chemist

Date: 4/30/2010

QC (Batch Specific)

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Temperature Narration

The samples were received at 25C with cooling initiated.

No bias in the sample results are suspected due to temperature.

Printed Name Lori Bryda

Position: Login

Date: 5/4/2010 3:41:07 PM



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- ☐ 78 Interstate Drive, West Springfield, MA 01089
☐ 610 Lynndale Court, Suite E, Greenville, NC 27858
☐ 24 Madison Avenue Extension, Albany, NY 12203

- ☐ 275 Promenade Street, Suite 350, Providence, RI 02908
☐ 80 Washington Street, Suite 301, Poughkeepsie, NY 12601
☐ Other

CHAIN-OF-CUSTODY RECORD 21209

Turnaround

☐ 1 Day* ☒ 2 Days* ☐ Standard (5 days) ☐ Other (days)
*Surcharge Applies

PROJECT NAME

PROJECT LOCATION

PROJECT NUMBER

LABORATORY

22 The Crossways, West Hartford 06104-1416

REPORT TO: Asher Roychowdhury

INVOICE TO: Asher Roychowdhury

P.O. No.: 20100414.A16

Sampler's Signature: [Signature]

Date: 4/2/14

Source Codes:

MW=Monitoring Well

SW=Surface Water

PW=Potable Water

T=Treatment Facility

S=Soil

B=Sediment

W=Waste

A=Air

X=Other

Analysis Request

Containers

Soil VOA Vial ()	methanol	Glass Soil Container ()	water	Glass Soil Container ()	NaOH	Water VOA Vial ()	As is ()	HCl	Plastic - As is ()	250 ml ()	500 ml ()	1000 ml ()	Plastic - H ₂ SO ₄ ()	250 ml ()	500 ml ()	1000 ml ()	Plastic - HNO ₃ ()	250 ml ()	500 ml ()	1000 ml ()	Plastic - NaOH ()	250 ml ()	500 ml ()	1000 ml ()	Unfiltered
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Comments

Item No.	Transfer Check	Sample Number	Source Code	Date Sampled	Time Sampled	Comments
1	2	3	4			
1		42-JAC-CL	CL	4/2/14	AM	99638
2						99639
3						
4						

Reporting and Detection Limit Requirements:

Transfer Number	Relinquished By	Accepted By	Date	Time
1	COLATA	[Signature]	4/2/14	10:00
2				
3				
4				

Additional Comments: